9000 Series and Jymni™ Anti-tippers

Assembly, Installation and Operating Instructions

Adjustable Anti-tipper Kit Nos. 1058752, 1058836, 1064520 and 1101960
Non-adjustable Anti-tipper Kit Nos. 1113764, 1113765 and 1113766

Yes, you can.™

SAVE THESE INSTRUCTIONS

NOTE: Check all parts for shipping damage before using. In case of damage, DO NOT use. Contact the dealer/carrier for further instructions.

SAFETY SUMMARY

To ensure the safe installation and use of the Anti-tippers, these instructions MUST be followed:

WARNING

Do not operate this equipment without first reading and understanding this instruction sheet and the owner's manual, part number 1056953, for the 9000 series wheelchairs or the owner's manual, part number 1100868, for Jymni wheelchairs. If you are unable to understand the warnings, cautions, and instructions, contact a healthcare professional, dealer or a qualified technician before attempting to use this equipment - otherwise injury or damage may result.

Anti-tippers are specific to the different seat-to-floor angles and/or seat-to-floor heights. Refer to the chart in this instruction sheet for correct usage and adjustment. If these requirements CANNOT be achieved, DO NOT use the wheelchair. Contact a qualified technician. If changing the seat-to-floor height with or without a change to seat-to-floor angle, the correct anti-tippers MUST be used to maintain a 1-1/2 to 2-inch ground clearance.

9000 WHEELCHAIRS WITH A SEAT-TO-FLOOR ANGLE OF 0° OR 3° AND JYMNI NON-RECLINERS ONLY - If so equipped, anti-tippers MUST be attached at all times. Inasmuch as the anti-tippers are an option for 0° or 3° on this wheelchair (You may order with or without the anti-tippers), Invacare strongly recommends ordering the anti-tippers as a safeguard for the wheelchair user.

9000 WHEELCHAIRS WITH A SEAT-TO-FLOOR ANGLE OF 6° ONLY - If changing the seat-to-floor angle to 6°, anti-tippers MUST BE ORDERED AND INSTALLED.

JYMNI RECLINERS AND JYMNI WHEELCHAIRS WITH 1-INCH FORWARD REAR WHEEL POSITIONERS ONLY - Anti-tippers MUST be attached at all times.

Anti-tippers MUST be fully engaged and spring buttons fully protruding out of adjustment holes, BEFORE using the wheelchair.

Ensure both anti-tippers are adjusted to the same mounting hole.

Anti-tipper kits include the following parts:

Description	Quantity	Description	Quantity
Anti-tipper	2	Anti-rattle	2

INSTALLING ANTI-TIPPERS (FIGURE 1)

1. Remove plug button (not shown) from end of rear frame tubing and install anti-rattles if not already installed.
2. Press the release buttons IN and insert the anti-tippers with the anti-tipper wheels pointing toward the ground/floor into the rear frame tubing until the bottom release button locks in place.
3. Measure the distance between the bottom of the anti-tipper wheels and the ground/floor.

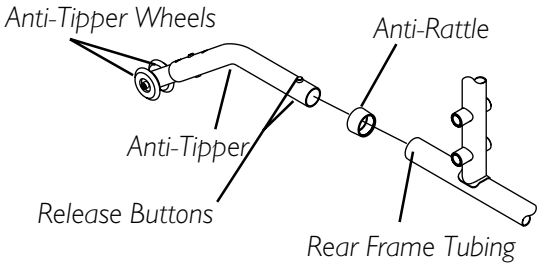

FIGURE 1 - INSTALLING THE ANTI-TIPPERS

NOTE: A 1-1/2 to 2-inch clearance between the bottom of the anti-tipper wheels and the ground/floor MUST be maintained at all times.

4. ADJUSTABLE ANTI-TIPPERS ONLY - If the distance between the bottom of anti-tipper wheels and the ground/floor is not 1/1/2 to 2-inches, adjust anti-tippers. Refer to ADJUSTING THE ANTI-TIPPERS in this instruction sheet.

ADJUSTING ANTI-TIPPERS (FIGURE 2)

NOTE: This procedure is for adjustable anti-tippers only.

1. Press the release buttons on the wheeled portion of the anti-tipper and slide it up or down to achieve the 1-1/2 to 2-inch clearance.
2. Check to make sure that the release buttons are fully engaged in adjustment holes.

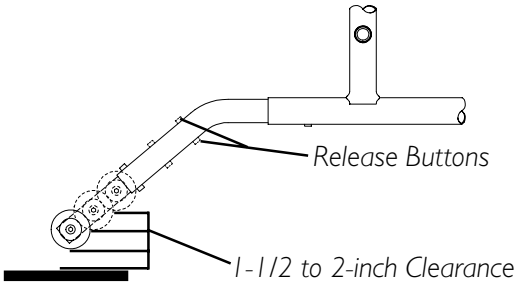

FIGURE 2 - ADJUSTING THE ANTI-TIPPERS

9000 SERIES ANTI-TIPPER CHARTS (FIGURE 3)

NOTE: Refer to the following charts to ensure the correct anti-tipper is installed on the wheelchair. Seat-to-Floor heights are approximate depending on front caster size and type. Refer to SECTION 5 of the service manual, part number 1076155, for an explanation of frame types. Anti-Tipper length measurement is taken with the extension tube in the LONGEST position available. The anti-tipper height measurement MUST be taken with the anti-tipper on a flat surface.

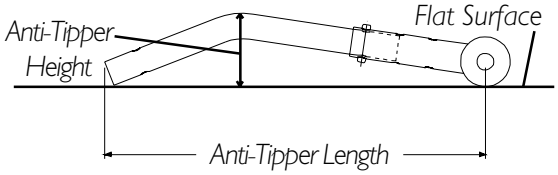

FIGURE 3 - ANTI-TIPPER MEASUREMENT

9000 XT (SUPER LOW FRAME)				
CASTER SIZE	**SEAT-TO-FLOOR HEIGHT**	**ANTI-TIPPER LENGTH, HEIGHT**	**ON CHAIR**	**OFF CHAIR KIT NUMBER**
6-inch	13-1/2 and 14-1/2-in.	10-1/2, 2-inches	1360SH	1064520

9000 XDT (ADULT TALL FRAME)				
CASTER SIZE	**SEAT-TO-FLOOR HEIGHT**	**ANTI-TIPPER LENGTH, HEIGHT**	**ON CHAIR**	**OFF CHAIR KIT NUMBER**
8-inch	17-1/2 and 19-1/2-in.	11-5/8, 2-3/4-inches	1360A	1058752
8-inch	21-1/2-in.	13-1/2, 3-1/2-inches	1360	1058836

9000 XT WITH 0° SEAT-TO-FLOOR ANGLE (ADULT/HEMI FRAME)				
CASTER SIZE	**SEAT-TO-FLOOR HEIGHT**	**ANTI-TIPPER LENGTH, HEIGHT**	**ON CHAIR**	**OFF CHAIR KIT NUMBER**
8-inch	17-1/2, 18-1/2-inches	13-1/2, 3-1/2-inches	N/A	1058836
6-inch	16-1/2, 17-1/2-inches	13-1/2, 3-1/2-inches	N/A	1058836
	15-1/2-inches	11-5/8, 2-3/4-inches	N/A	1058752

9000 XT WITH 3° SEAT-TO-FLOOR ANGLE AND 9000 SL (ADULT/HEMI FRAMES)				
CASTER SIZE	**SEAT-TO-FLOOR HEIGHT**	**ANTI-TIPPER LENGTH, HEIGHT**	**ON CHAIR**	**OFF CHAIR KIT NUMBER**
8-inch	17-1/2, 18-1/2, 19-1/2-inches	13-1/2, 3-1/2-inches	1360	1058836
6-inch	15-1/2, 16-1/2, 17-1/2-inches	11-5/8, 2-3/4-inches	1360A	1058752

9000 XT WITH 6° SEAT-TO-FLOOR ANGLE (ADULT/HEMI FRAME)				
CASTER SIZE	**SEAT-TO-FLOOR HEIGHT**	**ANTI-TIPPER LENGTH, HEIGHT**	**ON CHAIR**	**OFF CHAIR KIT NUMBER**
8-inch	17-1/2, 18-1/2, 19-1/2-inches	13-1/2, 2-7/8-inches	N/A	1113766
6-inch	16-1/2, 17-1/2-inches	12-1/2, 2-3/4-inches	N/A	1113765
	15-1/2-inches	9-1/2, 2-3/8-inches	N/A	1113764

JYMNI ANTI-TIPPER CHART

NOTE: To ensure the correct model anti-tipper is used refer to FIGURE 4. Measurements for anti-tippers are taken with extension tube in LONGEST position available. The anti-tipper height measurement MUST be taken with the anti-tipper on a flat surface.

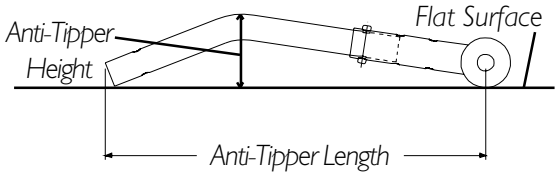

FIGURE 4 - ANTI-TIPPER MEASUREMENT

JYMNI			
WHEELCHAIR REAR WHEEL SIZE	**ANTI-TIPPER LENGTH, HEIGHT**	**ON CHAIR**	**OFF CHAIR KIT NUMBER**
20-inch	11-1/16, 2-1/16-inches	1360B	1101960
22-inch	11-5/8-in, 2-3/4-inches	1360A	1058752

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